Reviewer’s report

Title: Cerebrovascular function and cognition in childhood: a systematic review of transcranial doppler studies

Version: 1 Date: 20 January 2014

Reviewer: steven pavlakis

Reviewer’s report:

1. No major revisions
2. Minor essential revisions: Would have a statement stating something like this:

   TCD is a bit of a hodgepodge in regard to operator etc. It is very difficult to analyze data from multiple papers done with different operators, different machines etc; most without age-matched control data. Furthermore in these sample there are no validity reliability assessments so the data is a bit on the weak side. However having said that, the conclusions seem to fit the data since there are a lot of papers and there is some concordance on conclusions as the writers state. Also feel the conclusion is too long-there is too much repetition in the text of material seen in table.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests